

**Commonwealth of Kentucky
Division for Air Quality**

PERMIT APPLICATION SUMMARY FORM

Completed by: Sajjad Quabili

GENERAL INFORMATION:

Name:	America's Finest Woodworking Team
Address:	800 Enterprise Drive, Lexington, KY 40510
Date application received:	January 4, 2006
SIC/Source description:	2541/ Wood Partitions and Fixtures
AFS(10-digit) Plant ID:	21-067-00165
A. I. :	37911
Activity #:	20060001
Permit number:	F-06-001

APPLICATION TYPE/PERMIT ACTIVITY:

<input checked="" type="checkbox"/> Initial issuance	<input type="checkbox"/> General permit
<input type="checkbox"/> Permit modification	<input checked="" type="checkbox"/> Conditional major
__Administrative	<input type="checkbox"/> Title V
__Minor	<input type="checkbox"/> Synthetic minor
__Significant	<input checked="" type="checkbox"/> Operating
<input type="checkbox"/> Permit renewal	<input type="checkbox"/> Construction/operating

COMPLIANCE SUMMARY:

<input type="checkbox"/> Source is out of compliance	<input type="checkbox"/> Compliance schedule included
<input checked="" type="checkbox"/> Compliance certification signed	

APPLICABLE REQUIREMENTS LIST:

<input type="checkbox"/> NSR	<input type="checkbox"/> NSPS	<input checked="" type="checkbox"/> SIP
<input type="checkbox"/> PSD	<input type="checkbox"/> NESHAPS	<input type="checkbox"/> Other
<input type="checkbox"/> Netted out of PSD/NSR	<input type="checkbox"/> Not major modification per 401 KAR 51:017, 1(23)(b) or 51:052,1(14)(b)	

MISCELLANEOUS:

- ☐ Acid rain source
- ☐ Source subject to 112(r)
- ☒ Source applied for federally enforceable emissions cap
- ☐ Source provided terms for alternative operating scenarios
- ☐ Source subject to a MACT standard
- ☐ Source requested case-by-case 112(g) or (j) determination
- ☐ Application proposes new control technology
- ☒ Certified by responsible official
- ☐ Diagrams or drawings included
- ☐ Confidential business information (CBI) submitted in application
- ☐ Pollution Prevention Measures
- ☐ Area is non-attainment (list pollutants):

EMISSIONS SUMMARY:

Pollutant	Projected Actual (tpy)	Potential (tpy)
PM	0.144	3.41
VOC	14.59	90*
Combined HAPs		22.5**
Xylene	2.93	9***
Formaldehyde	1.838	4.01
Toluene	2.104	8.27
MEK	0.618	1.34
Methyl isobutyl ketone	0.927	2.66
Ethyl benzene	1.563	4.82
Cumene	0.22	0.22
Naphthalene	0.22	0.22
Glycol ethers	0.032	3.77
Methanol	1.164	1.164

* Source wide VOC emission limit: 90 tons/yr

** Source wide HAP emission limit: 22.5 tons/yr for combined HAPs

*** Emission Limit: 9 tons/yr for single HAP

SOURCE PROCESS DESCRIPTION:

America's Finest manufactures custom made wood products for retail industry. Currently, the source is deferred to obtain a permit under 401 KAR 52:080. Due to recent increase of production, the actual emission has exceeded the 50% major threshold levels. Consequently, the source has applied for a Conditional Major Permit. The source is potentially major for VOC and HAP emissions.

EMISSION AND OPERATING CAPS DESCRIPTION:

1. Total VOC emissions shall be less than or equal to 90.0 tons/year.
2. Single HAP emissions shall be less than or equal to 9.0 tons/year.
3. Combined HAP emissions shall be less than or equal to 22.5 tons/year.